

IPG PHOTONICS CORP  
Form 4  
July 23, 2007

**FORM 4**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

OMB APPROVAL

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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
TA ASSOCIATES AP IV LP

(Last) (First) (Middle)

JOHN HANCOCK TOWER, 200  
CLARENDON ST. 56TH FLOOR

(Street)

BOSTON, MA 02116

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
IPG PHOTONICS CORP [IPGP]

3. Date of Earliest Transaction  
(Month/Day/Year)  
07/19/2007

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)

See General Remarks

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |         |   |                    |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|---------|---|--------------------|
|                                 |                                      |  | Code                           | V   | Amount  | (A) or (D)   | Price   |         |   |                    |
| Common Stock                    | 07/19/2007                           |  | S                              |   | 5,599   | D  | \$ 20.0112  | 723,996 | I | See Footnote 1 (1) |
| Common Stock                    | 07/20/2007                           |  | S                              |   | 8,177   | D  | \$ 20.0359  | 715,819 | I | See Footnote 1 (1) |
| Common Stock                    | 07/23/2007                           |  | S                              |   | 3,339   | D  | \$ 19.9925  | 712,480 | I | See Footnote 1 (1) |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.



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to indeterminable future events.

**Remarks:**

The Reporting Person has a representative on the Issuer's board of directors. Michael Child currently serves as the Reporting Person.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.